

## II. CLAIM AMENDMENTS

1. (Currently amended) A SIM card ~~to be inserted suitable for insertion~~ in a terminal of a cellular network, which terminal is shared between different users having different personal identification codes, ~~which the SIM card comprises comprising:~~

~~means a memory~~ for storing a different personal identification code for each user of the terminal;

~~means a processor~~ for carrying out user identification during login by means of a user input before permitting use of the terminal, said user input comprising the personal identification code of ~~a respective one of the users~~ user; and

~~means for connecting wherein the SIM card connects~~ the terminal to the cellular network after successful user identification by utilizing ~~a mobile subscriber identification number~~ an Individual TETRA Subscriber Identification code of the SIM card.

2. (Original) A SIM card according to claim 1 wherein the SIM card further comprises means for storing data used in a shared manner by all users of said terminal.

3. (Canceled)

4. (Currently amended) A SIM card according to claim 3 1 wherein said personal identification code required in the identification of a user comprises at least one of the following codes: user-specific PIN code, user-specific PUK code.

5. (Currently amended) A SIM card according to claim 3\_1 wherein said personal identification code required in the identification of a user further comprises at least one user-specific password.
6. (Currently amended) A SIM card according to claim 3\_1 wherein said personal identification code required in the identification of a user further comprises at least one user-specific ITSI code.
7. (Original) A SIM card according to claim 1 wherein the SIM card further comprises at least one encryption key used in user-specific authentication.
8. (Previously presented) A SIM card according to claim 1 wherein the SIM card further comprises user-specific encryption keys used to encrypt a connection.
9. (Original) A SIM card according to claim 1 wherein the SIM card further comprises other user-specific data needed in the operation of the terminal.
10. (Previously presented) A SIM card according to the claim 1 wherein said SIM card is arranged so as to be used in a terminal of a network used especially by authorities.
11. (Currently amended) A terminal of a cellular network with a SIM card inserted in the terminal, which terminal is shared between different users having different personal identification codes and which terminal is arranged so as to perform user identification during login before allowing a connection of the terminal to the cellular network by a ~~mobile subscriber identification number~~ an Individual TETRA Subscriber Identification code of the SIM card, wherein the SIM card includes a memory and a processor

~~enabling the SIM card to identify means for identifying the user comprises in the SIM card a means for identifying~~ one user from at least two users entitled to use the terminal on the basis of at least one user-specific identification code which the user inputs during login, wherein said user-specific identification code is the personal identification code of the user.

12. (Previously presented) A terminal according to claim 11 wherein the terminal is a terminal of a radio network of an authority.

13. (Previously presented) A terminal according to claim 12 wherein the terminal is operative to function in a cellular TETRA network.

14. (Currently amended) A method for identifying an individual user of a terminal before permitting use of the terminal in a cellular network, which terminal is shared between different users having different personal identification codes, wherein:

~~the a~~ user of the terminal is identified during login on the basis of a personal identification code which the user inputs;

the user identification is carried out by matching the personal identification code given by the user against identification codes of different users stored on a SIM card of the terminal; and

the personal identification code given by the user of the terminal is among the said identification codes stored in the SIM card to allow connection of the terminal to the cellular network by utilizing ~~a mobile subscriber identification number an~~ Individual TETRA Subscriber Identification code of the SIM card.

15. (Previously presented) A method according to claim 14 wherein said personal identification code which entitles the user to use the terminal, is a PIN code.

16. (Original) A method according to claim 14 wherein the method further comprises a step in which the user of the terminal is requested for a second additional identifier/password for activating the terminal.

17. (Previously presented) A method according to claim 14 wherein if the person trying to activate the terminal enters more than a predetermined number of times a wrong identification code as a response to the said identification code requests, the user must enter a personal PUK code before user identification can be continued.